

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004629

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4152 C07D231/22 A61P37/00 A61P19/02 C07D401/14  
C07D413/14 C07D405/14 C07D401/12 C07D401/04 C07D405/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/004495 A1 (ACTIVE BIOTECH AB; BJOERK, PER, AXEL; FEX, TOMAS; PETTERSSON, LARS, OL) 16 January 2003 (2003-01-16) the whole document	1-17
X	US 5 061 705 A (WUEST ET AL) 29 October 1991 (1991-10-29) column 1, line 17 - column 3, line 8 column 6, lines 33-52 column 7, line 6 - line 13 examples 17,64 ----- -/--	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

18/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PICCIOLA G ET AL: "Heterocyclic compounds with potential antiinflammatory activity containing 4-aminophenylalkanoic acid moieties. V. 2,4-Dihydro-3H-pyrazol-3-one derivatives" FARMACO, EDIZIONE SCIENTIFICA., vol. 39, no. 4, 1984, pages 371-378, XP009043142 ITSOCIETA CHIMICA ITALIANA, PAVIA tables I,II compound 18902	1-10, 14-17
X	EP 0 269 030 A (MITSUBISHI CHEMICAL INDUSTRIES LIMITED; MITSUBISHI KASEI CORPORATION) 1 June 1988 (1988-06-01) page 6, lines 2-11 page 6, lines 48-53 page 12, lines 30-40 table 1, compounds 7-9 claim 1	1-10,14, 15
X	DATABASE BEILSTEIN 1992, XP002315401 Database accession no. 697617 (CNR) BRN 343115, 325012, 361725, 361896 & J.PRAKT.CHEM., vol. 2-121, 1929, page 201,	1-12
X	BYUN J-W ET AL: "Preparation of polymer-bound pyrazolone active esters for combinatorial chemistry" TETRAHEDRON LETTERS., vol. 44, 27 October 2003 (2003-10-27), pages 8063-8067, XP004461054 NLELSEVIER SCIENCE PUBLISHERS, AMSTERDAM. schemes 1,2	1-10
X	GB 629 412 A (J. R. GEIGY, A-G) 20 September 1949 (1949-09-20) formula I; table, entries 1 and 12	1-10
X	US 3 576 637 A (TUNEO SUGA ET AL) 27 April 1971 (1971-04-27) column 2, lines 3-52	1-10
X	DATABASE BEILSTEIN 1993, XP002315402 Database accession no. 695619 (CNR) BRN 695619, 312421 & JUSTUS LIEBIGS ANN. CHEM., vol. 373, 1910, page 167,	1-10
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International Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 255 892 A (AGFA-GEVAERT AG) 17 February 1988 (1988-02-17) claim 1, formula III; page 17, compound W-25	1-10
X	----- DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1971, XP002315403 Database accession no. 74:87973 (DN) RN 21749-59-7 -& JP 45 026736 B (TAKEDA CHEMICAL INDUSTRIES, LTD.) 3 September 1970 (1970-09-03) -----	1-10

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national application No.  
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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claim 17 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/004629

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03004495	A1	16-01-2003	BR 0210776 A CA 2451749 A1 EP 1409485 A1 HR 20031055 A2 HU 0401204 A2 NZ 530316 A US 2003022913 A1	20-07-2004 16-01-2003 21-04-2004 30-06-2004 28-10-2004 27-08-2004 30-01-2003
US 5061705	A	29-10-1991	DE 3903993 A1 AT 122668 T CA 2009604 A1 DE 59009074 D1 EP 0382077 A2 JP 2240058 A JP 2930645 B2 MX 9203499 A1 US 5475017 A US 5196532 A US 5206242 A US 5338749 A	16-08-1990 15-06-1995 10-08-1990 22-06-1995 16-08-1990 25-09-1990 03-08-1999 01-08-1992 12-12-1995 23-03-1993 27-04-1993 16-08-1994
EP 0269030	A	01-06-1988	JP 2010447 C JP 7042230 B JP 63130592 A JP 63130593 A DE 3789754 D1 DE 3789754 T2 EP 0269030 A2 US 4906644 A US 4990619 A US 5089515 A	02-02-1996 10-05-1995 02-06-1988 02-06-1988 09-06-1994 15-12-1994 01-06-1988 06-03-1990 05-02-1991 18-02-1992
GB 629412	A	20-09-1949	NONE	
US 3576637	A	27-04-1971	BE 713912 A DE 1772233 A1 GB 1195134 A	16-09-1968 05-01-1972 17-06-1970
EP 0255892	A	17-02-1988	DE 3626221 A1 DE 3779830 D1 EP 0255892 A2 JP 63038932 A	04-02-1988 23-07-1992 17-02-1988 19-02-1988
JP 45026736	B		NONE	